



IDAHO CROP WEATHER



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Irrigation Season Ends Early

Agricultural Summary

Expected surface irrigation water shortages have been realized in several parts of Southcentral and Eastern Idaho. No more irrigation water will be delivered from the Magic Reservoir in Southcentral Idaho this year. Canals were also dry in a few areas of the Bear River basin and in part of Teton County. Water deliveries to the Salmon Tract, located south of Twin Falls, are expected to end later this month. Irrigation in these areas is primarily used to grow small grains, hay and pasture. Most irrigation has been completed for this year's small grain crops. Although short, irrigation water supplies have lasted longer than expected in most areas. For the week ending August 4, major agricultural activities included irrigating, applying pesticides, providing water for livestock, and harvesting winter wheat.

Soil Moisture and Days Suitable for Fieldwork

Topsoil moisture was reported to be 16% very short, 50% short, and 34% adequate. Statewide, Idaho farmers had an average of 6.9 days suitable for fieldwork last week.

Crop Progress Table

Percentages	2002	2001	Avg.
Spring Wheat Turning Color	83	78	78
Barley Turning Color	82	82	74
Oats Harvested for Grain	4	6	6
Lentils Harvested	3	0	4
Dry Peas Harvested	12	54	30
Peaches Harvested	15	17	18
Mint Harvested (1 st Cutting)	17	35	34

Field Crop Report

Winter wheat harvest began in earnest for the Magic Valley and Upper Snake River Valley during the past week. Grasshoppers continued to be a severe problem in Southcentral and Eastern Idaho. Dryland grain in areas not covered by the previous week's thunderstorms continued to suffer. North Idaho farmers were threshing Kentucky bluegrass seed. Yields were below average according to County Extension Educators.

Livestock, Pasture and Range Report

Below normal precipitation continued to stress dryland pastures. The grass was reported to be good in high elevation areas, but producers were worried about stock water. Many seasonal streams on the high range were dry.

Condition Table

Percentages	Very Poor	Poor	Fair	Good	Excellent
Potatoes	0	2	11	65	22
Winter Wheat	0	2	27	61	10
Spring Wheat	1	6	21	58	14
Barley	1	4	22	65	8
Irr. Water Supply	8	22	29	41	0
Range and Pasture	4	17	43	36	0

Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg
Winter Wheat Harvested	10	33	18	57	55	39	20	28	28	12	32	17	16	34	21
Spring Wheat Harvested	3	2	4	40	31	16	7	5	7	0	5	4	3	5	5
Barley Harvested	0	5	5	41	33	28	11	9	16	1	4	4	5	6	8
Alfalfa Hay 2 nd Cutting Harvested	10	27	29	99	100	94	91	91	92	47	63	50	68	76	70
3 rd Cutting Harvested	NA	NA	NA	15	16	21	6	22	15	0	3	2	6	13	11

Avg (1997-2001); NA = Very Small Percentage of Acreage in District.

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Weather Data For The Week Ending Sunday, August 4, 2002 ^{1/}

Station	Temperature ^{2/}				Growing Degree Days ^{4/}			Precipitation (Inches)				
	High	Low	Ave.	Dept. ^{3/}	40° Base	50° Base		Total	Dept ^{3/}	Month of August	March 1	
						To Date	Normal				To Date	Normal
North												
Coeur D'Alene	82	43	65	-4	2265	1192	1128	0.00	-0.16	0.00	6.07	10.18
Grangeville	87	43	66	-2	2249	1203	872	0.00	-0.16	0.00	7.68	12.42
Lewiston	93	49	71	-6	3006	1730	1661	0.03	-0.07	0.03	4.79	5.48
Sand Point	81	40	64	-3	2114	1059	913	0.69	0.51	0.00	9.17	11.17
Southwest												
Boise	95	54	75	-1	3282	1996	1578	0.00	-0.07	0.00	2.32	4.78
Caldwell	93	54	74	-3	3178	1886	1830	0.00	-0.05	0.00	0.97	3.93
Emmett	94	52	73	-2	2999	1732	1600	0.02	-0.02	0.02	2.77	4.63
Mountain Home	100	45	75	-1	3122	1897	1558	0.00	-0.08	0.00	1.72	3.89
Parma	97	51	74	0	3171	1877	1525	0.00	-0.05	0.00	1.72	4.28
Weiser	97	56	76	2	3336	2025	1553	0.01	-0.04	0.01	2.29	4.02
Southcentral												
Buhl 5/	--	--	--	--	2740	1515	1260	0.00	-0.08	0.00	1.66	4.04
Burley	94	46	71	0	2616	1438	1226	0.03	-0.06	0.03	2.78	4.20
Hill City	90	45	67	0	1971	1074	794	0.00	-0.08	0.00	2.78	4.68
Hagerman	100	49	74	0	3130	1849	1728	0.00	-0.07	0.00	1.72	3.61
Malta	99	39	71	2	2565	1406	1177	0.05	-0.13	0.05	2.99	4.74
Twin Falls	92	48	71	0	2636	1469	1158	0.47	0.40	0.38	3.73	4.34
East												
Aberdeen 5/	87	48	--	--	2283	1249	1012	0.01	-0.13	0.01	2.12	4.33
Grace	92	41	68	1	2259	1251	861	0.87	0.68	0.00	6.24	7.21
Idaho Falls	92	37	68	-2	2228	1178	1068	0.07	-0.03	0.07	3.04	5.09
Malad City	97	42	72	1	2646	1531	1144	0.00	-0.23	0.00	1.40	6.77
Pocatello	96	50	73	1	2562	1426	1207	0.00	-0.14	0.00	4.04	5.51
Rexburg	90	42	66	-2	2144	1131	965	0.26	0.11	0.26	2.09	6.66
Salmon	91	43	67	-2	2301	1226	1084	0.00	-0.08	0.00	1.34	5.31

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average ^{1/}	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emmett	88	76	92	79	92	81	86	78	90	77	91	80	90	80	90	79
Parma	72	72	77	71	72	70	73	71	71	70	--	--	--	--	73	71
Sandpoint	--	--	74	67	73	65	73	62	76	62	74	63	77	63	75	64
Twin Falls	78	62	82	64	76	61	71	60	76	66	--	--	75	63	76	63

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.